



PATENT  
Docket No. 220.00040101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Eric T. Kool	)	Group Art Unit:	1623
		)		
Serial No.:	09/483,337	)	Examiner:	Lawrence Crane
Confirmation No.:	8254	)		
		)		
Filed:	January 14, 2000	)		
		)		
For:	COMPOSITIONS AND METHODS FOR NONENZYMATIC LIGATION OF OLIGONUCLEOTIDES AND DETECTION OF GENETIC POLYMORPHISMS			

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Supplemental Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. Pursuant to the provisions of M.P.E.P. § 609, Applicant further requests that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Supplemental Information Disclosure Statement is submitted after the receipt of an Office Action in the above-identified patent application, please charge Deposit Account No. 13-4895 in the amount of \$180 under 37 C.F.R. §§1.97(c) and 1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 13-4895.

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**Supplemental Information Disclosure Statement**

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The Examiner is invited to contact Applicant's Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Aug 12, 2005  
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Respectfully submitted for

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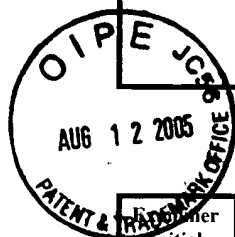
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**INFORMATION  
DISCLOSURE  
STATEMENT****Atty. Docket No.:** 220.00040101**Serial No.:** 09/483,337**Applicant(s):** ERIC T. KOOL**Confirmation No.:** 8254**Application Filing Date:** 01/14/00**Group:** 1623

Information Disclosure Statement mailed: August 12, 2005

**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	✓	2004/0259102 A1	12/23/04	Kool			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial	Copy Enclosed	Document Description
	✓	Abe et al., "Destabilizing Universal Linkers for Signal Amplification in Self-Ligating Probes for RNA," <i>Journ. Am. Chem. Soc.</i> , 2004, 126:13980-13986
	✓	Du et al., "Gapped DNA and Cyclization of Short DNA Fragments," <i>Biophysical Journal</i> , 2005, 88:4137-4145
	✓	Hagerman, P.J. "Flexibility of DNA," <i>Am. Rev. Biophys. Chem.</i> 1988 17:265-286
	✓	Ihara et al., "Photochemical Ligation of DNA Conjugates through Anthracene Cyclodimer Formation and its Fidelity to the Template Sequences," <i>Journ. Am. Chem. Soc.</i> , 2004, 126:8880-8881
	✓	Jain et al., "Enzymatic behavior by Intercalating Molecules in a Template-Derived Ligation Reaction," <i>Angew Chem. Int. Ed.</i> 2004, 43:2004-2008
	✓	John et al., "Mechanics of DNA Flexibility Visualized by Selective 2-Amine Acylation at Nucleotide Bulges," <i>J. Mol. Biol.</i> 2004, 337:611-619
	✓	Kahn et al., "Detection of localized DNA Flexibility," <i>Nature</i> , 368:163-166 (March 10, 1994)
	✓	Mills et al., "Electrophoretic Evidence that Single-Stranded Regions of One or More Nucleotides Dramatically Increase the Flexibility of DNA," <i>Biochemistry</i> , 1994, 33:1797-1803

<b>EXAMINER</b>	<b>Date Considered</b>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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[illegible]

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